

Credit and Webinar Information

Continuing Education Credit Information

See each course listing for the type and amount of each continuing education credit available. Individual courses for landscape architects, engineers and architects are not subject to pre-approval. HalfMoon Education does not apply for landscape courses in FL, NC, and NJ, unless expressly stated.

HalfMoon Education Certifying Entities

Landscape Architect Continuing Education System
American Institute of Architects Continuing Education System (No. J885)
American Institute of Certified Planners (APA)
Boards of Engineering: Florida (No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (No. S-0130), and North Dakota.
Course-by-Course Organizations:
International Society of Arboriculture
Society of American Foresters
Association of State Floodplain Managers

HalfMoon Education is deemed a New York-approved continuing education provider for landscape architects, engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §79-1.5(i)(2), §68.14(i)(2) and §69.6(i)(2)).

Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited.

Certificates of completion will be available for download and printing upon completion of a follow-up quiz with at least 80% accuracy.

Webinars are presented via **GoToWebinar**, an easy-to-use application that can be run on most systems and tablets. Instructions and login information will be provided in an email sent close to the date of the webinar. ***It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.***

GoToWebinar system requirements:

Operating System: Windows 7 - 10, Mac OSX Mavericks - macOS Catalina, Linux, Google Chrome OS, Android OS 5 (Lollipop) - Android 9 (Pie), iOS 10 - iOS 12, Windows Phone 8+, Windows 8RT+

Web browser: The two most recent versions of Google Chrome or Mozilla Firefox

Internet connection: Minimum of 1Mbps, Mobile: 3G or better (WiFi Recommended)

Hardware: 2GB of RAM (minimum), 4GB or more of RAM (recommended)

For more information visit the “Support” section at www.gotowebinar.com.

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Recordings of these webinars are available for purchase. Visit us online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

March How-To Webinar Series

Seven live and interactive short webinars that each teach a new skill



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March How-To Webinar Series

Seven Live, Interactive Short Webinars

To register, view webinar agendas, credit information and to learn about our distinguished faculty, please visit us online at:

www.halfmoonseminars.org

Have questions or wish to register by phone?

Give us a call at 715-835-5900 and press 1 for Customer Service.



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HalfMoon Education Online Learning March How-To Webinar Series

*Seven live and interactive short webinars
that each teach a new skill*



1. How to Build a Sustainable Future
2. How to Read a Geotechnical Report
3. Bioretention System Design
4. How to Successfully Design and Construct a Retaining Wall (and what happens if you get it wrong)
5. How to Secure a Patent
6. How to Protect Your Engineering Data: Cyber Security 101 for Engineers
7. How to Design Native Pollinator Habitats: Beauty and Benefits



HalfMoon Education Inc.
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AIA
Continuing
Education
Provider

PREFERRED
EDUCATION
PROVIDER

1. How to Build a Sustainable Future

Thursday, March 11, 2021 | 11:00 am - 2:15 pm CST (incl. a 15-min. break) Tuition: \$150

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: Pending

Agenda:

- The Past and the Present
 - Introduction: the human evolutionary capacity to plan the future
 - The scientific method to build the future: historical data, estimations, projections, and future design
 - Brief history of the 20th Century: The Industrial Revolution, inequalities, wars, over- population, and the collapse of the natural world
 - The science of climate change
 - The planet in the times of the pandemic: economic inequalities, climate change, and COVID
 - A brief history of sustainability

The Future

- Economic principles of sustainability
- The sustainable development goals
- The IPCC and science-based targets
- The future is happening:
 - Renewable energy
 - EVs and autonomous vehicles
 - Equity at last
 - Green buildings and green cities
 - Sustainable water and food systems
 - Climate policies and economic prosperity
- Conclusions: a sustainable future is not an option

Presented by
Dr. Jairo Garcia Sustainable Cities & Climate Change Specialist, Co-Chair of the Climate Reality Project: Atlanta, GA, Chapter

21 USH2BSTF 3 11 WEBR TC

2. How to Read a Geotechnical Report

Tuesday, March 16, 2021 | 11:00 am - 1:00 pm CDT Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW International Code Council: Pending

Agenda Highlights:

- Subsurface Investigation
 - Field investigation
 - Laboratory testing program
- Subsurface conditions
 - Subsurface soil conditions
 - Groundwater condition
- Analysis and Recommendations
 - Allowable bearing capacity – foundations and slab on grade
 - Site preparation and fill placement
 - Pavement
 - Groundwater controls
 - Soil resistivity and corrosivity
 - Lateral Earth pressure
 - Site seismic classification
- Review of Geotechnical Reports

Presented by Joseph S. Cooke, P.E. Geotechnical Engineer

21 USH2RGEO 3 16 WEBR JB

3. Bioretention System Design

Friday, March 19, 2021 | 10:00 am - 12:00 pm CDT Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending Landscape Architects: 2.0 HSW CE Hours LA CES: Pending
Floodplain Managers: Pending

Agenda:

- The importance of soils in the design of bioretention systems
- The importance of understanding groundwater in the design of bioretention systems
- What soil tests are required for the design of bioretention systems
- Designing bioretention systems for various soil types and slope conditions
- Designing for storms greater than the water quality event

Presented by Steven Trinkaus Principal at Trinkaus Engineering, LLC, in Southbury, CT

21 USH2BSYD 3 19 WEBR BA

4. How to Successfully Design and Construct a Retaining Wall (and what happens if you get it wrong)

Monday, March 22, 2021 | 11:00 am - 1:00 pm CDT Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs
Floodplain Managers: 2.0 ASFPM CECs International Code Council: .2 CEUs (Sitework)

Agenda:

- How to prevent a potential problem or failure through site layout
- How to prevent a potential problem or failure through proper design technique
- Roles and responsibilities to ensure structure success
- How to recognize a potential problem or failure in the field
- Typical causes of problems or failures with geotechnical structures
- Case studies/examples of failures and repairs

Presented by
Bill Simpson P.E. Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC

21 USH2DCRW 3 22 WEBR PC

5. How to Secure a Patent

Thursday, March 25, 2021 | 11:00 am - 1:00 pm CDT Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs

Agenda:

- Requirements for patentability
- Types of patent applications
- The pros and cons of patent searches
- The patent prosecution cycle
- Preparing and filing a patent application
- Prosecuting the patent application with the examiner
- Appeals
- Continuation, continuation-in-part, and divisional applications
- Maintenance fees

Presented by Philip H. Burrus The Burrus Intellectual Property Law Group, LLC

21 USH2SPAT 3 25 WEBR TB

6. How to Protect Your Engineering Data: Cyber Security 101 for Engineers

Thursday, March 25, 2021 | 2:00 - 4:00 pm CDT Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs

Agenda:

- Cyber security threats and business exposure to data breaches
- Anatomy of a data breach or cyber attack and the spectrum of possible responses
- Coverage that is available under cyber insurance policies
- Examples of actual cyber events, with lessons learned from those events

Presented by Kevin Scott Shareholder & Attorney at GreenbergTraurig (Chicago, IL)

21 USH2PEGD 3 25 WEBR WL

7. How to Design Native Pollinator Habitats: Beauty and Benefits

Wednesday, March 31, 2021 | 10:00 - 12:00 pm CDT Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending Landscape Architects: 2.0 HSW CE Hours (Except FL, NJ, NC)
LA CES: Pending

Agenda:

- What are pollinators? Not just insects!
- Pollinators and their plants – a brief overview of their coevolution
- Why pollinators are important
- Pollinator habitat – not just flowers
- The monarch butterfly migration
- Installing a pollinator habitat
- Threats to pollinators
- Common pollinators of the Midwest
- Planning a pollinator habitat
- Maintaining a pollinator habitat

Presented by
Carlyn S Rocazella EnviroScience, Inc., Northeast Headquarters, Stow, Ohio

Michael A. Liptak, Ph.D. EnviroScience, Inc., Northeast Headquarters, Stow, Ohio

21 USH2DNPH 3 31 WEBR LH

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